Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A computer system, comprising:
    a portable computer, including:
            a CPU;
            a system memory coupled to said processor;
            a bridge logic device coupled to said CPU;
            control logic coupled to said bridge logic device; and
            a peripheral bus coupled to said bridge logic device and an a first
            interface connector; and
    an expansion device comprising a drive wedge containing at least one
            storage device and having an a second interface connector that
            mates with the first interface connector of said portable computer to
            permit the portable compute to be docked to and undocked from
            said expansion device while the portable computer is powered on
            and fully operational;
    said control logic receiving an expansion device detection input signal and
            said control logic detects a transition in the expansion device
            detection input signal level when the portable computer is docked to
            or undocked from said expansion device;
    a port replicator that provides connections to various peripheral devices
            and having an electrical connector to said drive wedge, and said
            portable computer capable of being docked to said port replicator
            while said portable computer is powered on and fully operational.

2.   (Original) The computer system of claim 1 wherein said control logic
asserts a control logic system management interrupt signal to said bridge logic
device upon detecting a change in the level of the expansion device detection

signal so that that bridge logic device will initiate a sequence of events that will permit the portable computer to communicate with the expansion device if docking has occurred or disable communication with the expansion device if the portable computer is undocked from the expansion device.

3.　(Original)　The computer system of claim 1 wherein said portable computer also includes an expansion device power switch that switches power on to said expansion device when the portable computer is docked to said expansion device thereby causing the expansion device detection input signal to change state.

4.　(Original)　The computer system of claim 2 wherein said bridge logic device asserts an interrupt signal to said CPU upon detecting an asserted control logic system management interrupt signal, said CPU responds by executing code that determines that said portable computer has been docked to or undocked from said expansion device.

5.　(Currently Amended)　The computer system of claim 4 wherein said bridge logic device electrically couples to said expansion device via a data bus that is disableds when said portable computer is not docked to said expansion device and said CPU directs said bridge logic device to enable said data bus when said CPU receives the interrupt signal from said bridge logic device.

6.　(Original)　The computer system of claim 5 wherein the interrupt signal from said bridge logic device to said CPU is a system management interrupt signal.

7.　(Original)　The computer system of claim 5 wherein said expansion device includes at least one storage devices and said data bus comprises an Integrated Drive Electronics bus.

8.　(Canceled).

9.   (Currently Amended) The computer system of claim 28 wherein said control logic receives a port replicator attached input signal that indicates whether said portable computer is docked to said port replicator.

10.   (Currently Amended) The computer system of claim 9 wherein said port replicator attached input signal to the control logic is in a the logic high state when the portable computer is not docked to the port replicator, and, when the portable computer couples to the port replicator, the port replicator forces the port replicator attached input signal to the control logic to a the logic low state.

11.   (Original) The computer system of claim 10 wherein said control logic determines that said portable computer has been docked to said port replicator when said control logic detects the port replicator attached input signal at the logic low state.

12.   (Original) The computer system of claim 11 wherein said control logic asserts a control logic system management interrupt signal to said bridge logic device upon detecting a logic low state of the port replicator attached input signal so that that bridge logic device will initiate a sequence of events that will permit the portable computer to communicate with the port replicator.

13.   (Currently Amended) A portable computer that can be docked to a drive wedge and a port replicator while the portable computer is on and fully functional, comprising:

    a CPU;

    a host bridge coupled to said CPU;

    a secondary bridge device coupled to said CPU over a system bus;

    a control logic coupled to said secondary bridge device over an expansion bus, said control logic receiving WEDGED# input signal that indicates whether the drive wedge is docked to the portable computer and a PRATTACHED# input signal that indicates whether the port replicator is docked to the portable computer, both the

WEDGED# and PRATTACHED# input signals connected to pull-up resistors that forces the WEDGED# and PRATTACHED# input signals to the control logic to be in the logic high state when the drive wedge and port replicator are not docked to the portable computer; and

code executed by said CPU following either or both of the WEDGED# and PRATTACHED# input signals driven to the logic low state upon detecting docking the portable computer to the drive wedge or port replicator, said code reconfigures the portable computer to permit communications with the drive wedge or port replicator when docked to the portable computer,

wherein said drive wedge and said port replicator can be docked to said portable computer while said portable computer is on and fully operational and the docked combination of said drive wedge and portable computer can be docked to said port replicator while said portable computer is on and fully operational.

14. (Currently Amended) The portable computer of claim 13 2 further including a wedge power switch that switches on power to the drive wedge when the drive wedge is docked to the portable computer, said wedge power switch switched on by the WEDGED# input signal to the control logic.

15. (Currently Amended) The portable computer of claim 13 2 wherein said control logic comprises a keyboard controller.

16. (Canceled).

17. (Currently Amended) A method of hot docking a computer to expansion equipment, comprising:

connecting a first expansion device drive wedge to said computer while said computer is on and fully operational, said drive wedge containing at least one storage device;

switching on power to said ~~first expansion device~~drive wedge;

detecting a transition of a signal from said ~~first expansion device~~ drive wedge indicating that the ~~first expansion device~~ drive wedge has been connected to said computer;

enabling a data bus that electrically couples the computer to the ~~first expansion device~~drive wedge; and

connecting a port replicator to said drive wedge while said computer and said drive wedge are on and fully operational.

18.   (Canceled).

19.   (Currently Amended) The method of claim 1~~7~~8 further including detecting a transition of a signal from said ~~second expansion device~~ port replicator indicating that the ~~second expansion device~~ port replicator has been ~~connected~~ coupled to said computer.

20.   (Canceled).

21.   (Canceled).

22.   (Currently Amended) A portable computer, comprising:
a CPU;
a display coupled to said CPU;
a means for hot docking said portable computer to ~~first expansion device~~ a drive wedge containing a storage device while said portable computer is on and fully operational and also for hot docking the portable computer and drive wedge to a port replicator while said computer and drive wedge are on and fully operational.

23.   (Currently Amended) The portable computer of claim 22 wherein said means includes control logic that receives an indication signal that is pulled high by way of a pull-up resistor when the portable computer is not docked to the ~~first~~

~~expansion device~~drive wedge, and said indication is forced low when the portable computer is hot docked to the ~~first expansion device~~drive wedge.

24. (Currently Amended) The portable computer of claim 23 wherein said means also includes a power switch that is turned on to provide power to said ~~first expansion device~~ drive wedge when said ~~first expansion device~~ drive wedge is docked to said portable computer, said power switch activated by said indication signal being forced low.

25. (Original) The portable computer of claim 23 further including a bridge logic device coupled to said control logic and providing a data bus to said expansion bus, and said CPU directs said bridge logic device to enable said data bus after said indication signal is forced low.

26. (Currently Amended) The portable computer of claim 25 wherein said control logic initiates a SMI to said CPU to indicate when the portable computer is hot docked and undocked from said ~~first expansion device~~drive wedge.